

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Patrick R. Buckley, et al. Docket No. : IL-11255
Serial No. : Art Unit :
Filed : Examiner :
For : SHAPE MEMORY SYSTEM WITH INTEGRATED ACTUATION
USING EMBEDDED PARTICLES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Alexandria, VA 22313-1450

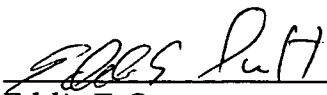
Dear Sir:

Forwarded herewith is an Information Disclosure Statement, Form-1449, in the above-identified application. Copies of the cited references are enclosed: 14 U.S. Patent Documents and 15 Other Disclosures.

The above-mentioned disclosures, which are not admitted as prior art, are identified on the enclosed Form 1449.

Respectfully submitted,

Dated: March 26, 2004


Eddie E. Scott
Attorney for Applicant
Registration No. 25,220

Enclosures: As noted above

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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	
		Filing Date	
		First Named Inventor	Patrick R. Buckley, et al.
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	IL-11255
Sheet	1	of	3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		2002/0095169	A1	Maitland, et al.	07-18-2002	
		2002/0113066	A1	Stark, et al.	08-22-2002	
		5,330,483		Heaven, et al.	07-19-1994	
		5,429,583		Paulus, et al.	07-04-1995	
		5,674,242		Phan, et al.	10-07-1997	
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		6,599,234	B1	Gray, et al.	07-29-2003	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Office ³	Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

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Signature

/John Sheehan/

Date
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04/25/2008

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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			First Named Inventor	Patrick R. Buckley, et al.	
			Group Art Unit		
			Examiner Name		
			Attorney Docket Number	IL-11255	
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		CETAS, T.C., et al., "A Ferrite Core/Metallic Sheath Thermoseed for Interstitial Thermal Therapies," IEEE Transactions on Biomedical Engineering, Vol. 45, No. 1, January 1998, pp. 68-77			
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		JOJO, M., et al., "Consideration of Handy Excitation Apparatus for the Inductive Hyperthermia," IEEE Transactions on Magnetics, Vol. 37, No. 4, July 2001, pp. 2944-2946			
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		MCCURRIE, R.A., "Ferromagnetic Materials Structure and Properties," Academic Press, Longon, 1994, 4 pages			
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Examiner Signature	/John Sheehan/		Date Considered	04/25/2008	

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
		MATSUKI, H., et al., "High Quality Soft Heating Method Utilizing Temperature Dependence of Permeability and Core Loss of Low Curie Temperature Ferrite," IEEE Transactions on Magnetics, Vol. MAG-21, No. 5, September 1985, pp. 1927-1929			
		STAUFFER, P. R., "Observations on the Use of Ferromagnetic Implants for Inducing Hyperthermia," IEEE Transactions on Biomedical Engineering, Vol. BME-31, No. 1, January 1984, pp. 76-90			
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		IRIE, M., "Shape Memory Polymers" (Chapter 9) from book "Shape Memory Materials," Cambridge University Press, United Kingdom, 1998, 19 pages			
		ATKINSON, W. J., et al., "Usable Frequencies in Hyperthermia with Thermal Seeds," IEEE Transactions on Biomedical Engineering, Vol. BME-31, No. 1, January 1984, pp. 70-75			
		KIMURA, I., et al., "VLF Induction Heating for Clinical Hyperthermia," IEEE Transactions on Magnetics, Vol. MAG-22, No. 6, November 1986, pp. 1897-1900			

Examiner Signature	/John Sheehan/	Date Considered	04/25/2008
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